## CLAIMS

## What is claimed is:

An apparatus to provide hemostasis at a blood vessel puncture site, comprising:

 a hemostasis material; and
 a clot formation accelerator, wherein said clot formation accelerator is

- 2. The apparatus of claim 1 wherein said clot formation accelerator is a clot agglomeration.
- 3. The apparatus of claim 1 wherein said clot formation accelerator is Chitosan.
- 4. The apparatus of claim 1 wherein said clot formation accelerator is a thrombogenic agent.
- 5. The apparatus of claim 4 further comprising a polysaccharide.

substantially dispersed throughout said hemostasis material.

- 6. The apparatus of claim 6 wherein said polysaccharide is Chitosan.
- 7. An apparatus to provide hemostasis at a blood vessel puncture site, comprising: a hemostasis material;
  - a clot formation accelerator; and
  - a polysaccharide,

wherein said clot formation accelerator and said polysaccaride are substantially dispersed throughout said hemostasis material.

- 8. The apparatus of claim 7 further comprising a cross-linking agent.
- 9. The apparatus of claim 7 wherein said clot formation accelerator is a thrombogenic agent.

- 10. The apparatus of claim 7 wherein said polysaccharide is Chitosan.
- 11. An apparatus to provide hemostasis at a blood vessel puncture site, comprising:
  - a hemostasis material;
  - a cross-linking agent;
  - a polysaccharide; and
  - a clot formation accelerator,

wherein said cross-linking agent, said clot formation accelerator, and said polysaccharide are substantially dispersed throughout said hemostasis material.

- 12. The apparatus of claim 11 wherein said clot formation accelerator is a thrombogenic agent.
- 13. The apparatus of claim 11 wherein said polysaccharide is Chitosan.
- 14. The apparatus of claim 11 wherein said cross-linking agent is a formaldehyde.
- 15. A method for forming a clot formation accelerator loaded hemostasis material, comprising:

heating gelatin granules in water;

adding a cross-linking agent;

mixing a clot formation accelerator to the cross-linking agent and heated gelatin solution; and

adding air to form a gelatin foam hemostasis material matrix,

wherein said clot formation accelerator is substantially dispersed throughout said hemostasis material.

16. The method of claim 15 wherein said dissolving further comprises adding a polysaccharide.

- 17. The method of claim 16 wherein said polysaccharide is Chitosan.
- 18. The method of claim 16 wherein the clot formation accelerator is a thrombogenic agent.
- 19. The method of claim 15 further comprising drying said gelatin foam hemostasis mateiral matrix above a freezing point temperature.
- 20. A method for forming a clot formation accelerator loaded hemostasis material, comprising:

heating gelatin granules in water;

adding a cross-linking agent;

mixing a clot formation accelerator to the cross-linking agent and heated gelatin solution; and

drying said clot formation accelerator mixture at a temperature above a freezing point temperature to form said hemostasis material,

wherein said clot formation accelerator is substantially dispersed throughout said hemostasis material.

- 21. The method of claim 20 wherein said heating further comprises adding a polysaccharide.
- 22. The method of claim 21 wherein said polysaccharide is Chitosan.
- 23. The method of claim 21 wherein the clot formation accelerator is a thrombogenic agent.

24. An apparatus for forming a clot formation accelerator loaded hemostasis material, comprising:

means for heating gelatin granules in water;

means for adding a cross-linking agent;

means for mixing a clot formation accelerator to the cross-linking agent and heated gelatin solution; and

means for adding air to form a gelatin foam hemostasis material matrix,

wherein said clot formation accelerator is substantially dispersed throughout said hemostasis material.

- 25. The apparatus of claim 24 wherein said means for dissolving further comprises adding a polysaccharide.
- 26. The apparatus of claim 25 wherein said polysaccharide is Chitosan.
- 27. The apparatus of claim 25 wherein the clot formation accelerator is a thrombogenic agent.
- 28. The apparatus of claim 24 further comprising means for drying said gelatin foam hemostasis mateiral matrix above a freezing point temperature.
- 29. An apparatus for forming a clot formation accelerator loaded hemostasis material, comprising:

means for heating gelatin granules in water;

means for adding a cross-linking agent;

means for mixing a clot formation accelerator to the cross-linking agent and heated gelatin solution; and

means for drying said clot formation accelerator mixture at a temperature above a freezing point temperature to form said hemostasis material,

wherein said clot formation accelerator is substantially dispersed throughout said hemostasis material.

- 30. The apparatus of claim 29 wherein said means for heating further comprises adding a polysaccharide.
- 31. The apparatus of claim 30 wherein said polysaccharide is Chitosan.
- 32. The apparatus of claim 30 wherein the clot formation accelerator is a thrombogenic agent.